

PTO-1449 Information Disclosure Citation in an Application	Application No. 09/397,481	Applicant(s) Haws, et al.	
	Docket Number 004578.1025	Group Art Unit Unknown	Filing Date 09/16/99

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CA	A	2,677,367	05/04/54	M. Telkes			
CA	B	3,132,688	05/12/64	W. B. Nowak			
CA	C	3,909,118	09/30/75	Schmidt			
CA	D	4,047,198	09/06/77	Sekhon, et al.			
CA	E	4,099,853	07/11/78	Glickler, et al.			
CA	F	4,143,946	03/13/79	Leo, et al.			
CA	G	4,178,727	12/18/79	Prusinski, et al.			
CA	H	4,268,558	05/19/81	Boardman			
CA	I	4,341,262	07/27/82	Alspaugh			
CA	J	4,381,818	05/03/83	Sachar, et al.			
CA	K	4,408,659	10/11/83	Hermanns, et al.			
CA	L	4,446,916	05/08/84	Hayes			
CA	M	4,494,171	01/15/85	Bland, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A	0-308 247	03/22/89	EPC				
	B	2-208497	8/90	Japan			Abstract	
	C	55-96892	7/80	Japan			Abstract	
	D	1-147294	6/89	Japan			Abstract	
	E	60-232496	11/85	Japan			Abstract	

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
CA	F	Gaunt, et al., IBM Technical Disclosure Bulletin, XP 002045948 "Low Velocity Air-Jet Cooling", Vol. 25, No. 7A, December 1982, pp 3305 and 3306.	
#	G	IBM Technical Disclosure Bulletin, XP 000584055 "Multi-Chip Module Impingement Cooling Plenum", Vol. 39, No. 05, May 1996, pp 57 and 58.	
#	H	XP 002045949, "IBM Packs in High Density Circuits", Computer Design, December 1984, pp. 254 and 255.	

EXAMINER

DATE CONSIDERED

C. D. Haws

8/14/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Fails to comply with 37 CFR 1.98(a)(3).

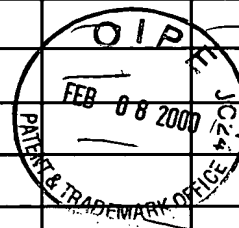
No inventor identified.

U.S. Patent and Trademark Office

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>ca</i>	A	4,512,388	04/23/85	Claar, et al.			
<i>ca</i>	B	4,528,208	07/09/85	Hirvonen, et al.			
<i>ca</i>	C	4,730,233	03/08/88	Osterman			
<i>ca</i>	D	4,832,118	05/23/89	Scanlon, et al.			
<i>ca</i>	E	4,823,863	04/25/89	Nakajima, et al.			
<i>ca</i>	F	4,898,234	02/06/90	McGovern, et al.			
<i>ca</i>	G	4,966,226	10/30/90	Hamburgen			
<i>ca</i>	H	4,998,181	03/05/91	Haws, et al.			
<i>ca</i>	I	5,007,478	04/16/91	Sengupta			
<i>ca</i>	J	5,039,577	08/13/91	Knoell, et al.			
<i>ca</i>	K	5,063,476	11/05/91	Hamadah, et al.			
<i>ca</i>	L	5,123,982	06/23/92	Kuzay			
<i>ca</i>	M	5,128,689	07/07/92	Wong, et al.			
<i>ca</i>	N	5,255,964	07/06/93	Nemes			



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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>#</i>	A	4-143526	5/92	Japan			Abstract	
<i>#</i>	B	6-291480	10/94	Japan			Abstract	
<i>#</i>	C	4-44352	2/92	Japan			Abstract	
<i>#</i>	D	63-267890	11/88	Japan			Abstract	
<i>#</i>	E	0.541 456 A1	5/93	EPC				X

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>A</i>	F	Rosenbaum, et al., "Efficient and Simple Heat Exchangers", 1981, pp. 593-594.	
<i>O</i>	G	"Sketch A - Mechanical and Electrical Packaging of 'Slat' Phased Arrays" (1 sheet).	
<i>A</i>	H	"Development of Advanced EHF Airborne Arrays", Ft. Monmouth, NJ; May 2, 1995 (13 sheets).	

EXAMINER <i>C. Atkinson</i>	DATE CONSIDERED <i>8/14/00</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent No. 5,255,964 of inventor do not correctly correspond.
 U.S. Patent and Trademark Office
fails to comply with 37CFR 1.98(a)(13). *A* fails to give inventor or company/publisher/source.
 DAL01:502867.1
O fails to give inventor, publication date, etc.

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		Docket Number 004578.1025		Group Art Unit Unknown	Filing Date 09/16/99

U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
60	A	5,263,536	11/23/93	Hulburd, et al.			
60	B	5,267,611	12/07/93	Rosenfeld			
60	C	5,325,913	07/05/94	Altoz			
60	D	5,404,272	04/04/95	Lebailly, et al.			
60	E	5,523,260	06/04/96	Missele			
60	F	5,852,548	12/22/98	Koon, et al.			
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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60	N	6-34287	2/94	Japan			Abstract	
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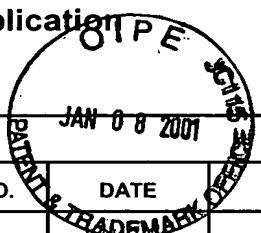
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EXAMINER <div style="text-align: center;">C. OTHMAN</div>	DATE CONSIDERED <div style="text-align: center;">8/14/00</div>
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PTO-1449 Information Disclosure Citation in an Application	Application No. 09/397,481	Applicant(s) Haws, et al.	
	Docket Number 004578.1025	Group Art Unit 3743	Filing Date 09/16/1999



U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A	4,250,958	02/17/81	Wasserman			
<input checked="" type="checkbox"/>	B	4,673,030	06/16/87	Basiulis			
<input checked="" type="checkbox"/>	C	5,085,790	02/04/92	Hormansdorfer			
<input checked="" type="checkbox"/>	D	5,293,171	03/08/94	Cherrette			
<input checked="" type="checkbox"/>	E	5,272,491	12/21/93	Asakawa, et al.			
<input checked="" type="checkbox"/>	F	5,386,701	02/07/95	Cao			
<input checked="" type="checkbox"/>	G	5,579,830	12/03/96	Giammaruti			
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FOREIGN PATENT DOCUMENTS

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EXAMINER C. H. Kipper	DATE CONSIDERED 4/11/01
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